BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:-CONSTRUCTION OF BUILDINGS AND OTHER CIVIL WORKS AND PLAYGROUNDS IN WARD NO - 01,03 & 04 UNDER BUILDINGS/ PLAYGROUNDS / HOSPITALS HEAD IN CHIEF MINISTER NAVA NAGAROTHAN GRANTS OF YELAHANKA DIVISION (PACKAGE- 11)

Sl No.	
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION
e)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION

ABSTRACT ESTIMATE

Buildings

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
1	**Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. C. Prestressed / Reinforced cement concrete grade M-20 & above. MORTH Specification No. 202.complete as per specifications and directions of the Engineer in charge.**	cum	188.22	1716.12	323003.422
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	cum	188.22		
2	**Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications Dismantling brick/Tile work B. In cement mortar. complete as per specifications and directions of the Engineer in charge.**	cum	134.34	379.08	50925.89227
a	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	134.34		
3	**Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms) complete as per specifications and directions of the Engineer in charge.**	Sqm	625.38	92.88	58085.27768
a	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	625.38		
4	**Dismantling plastering and removing the debris with a lead upto 200m. complete as per specifications and directions of the Engineer in charge.**	Sqm	798.61	39.96	31912.36129
a	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	798.61		
5	**Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per specifications and directions of the Engineer in charge.**	cum	432.34	67.18	29042.68026
a	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	432.34		

Sl No.	Description of Work	Unit	Quantity	Rate	Amount
6	**Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and directions of the Engineer in charge.**	Cum	768.16	484.92	372495.82
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	512.79		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Cum	2.94		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Cum	252.43		
7	**Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and directions of the Engineer in charge.**	Cum	41.77	2623.32	109573.45
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	32.55		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Cum	0.29		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Cum	8.93		
8	**Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge.**	Cum	92.14	5510.16	507687.54
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	53.10		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Cum	0.20		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Cum	38.84		
9	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons and directions of the Engineer in charge.**	Sqm	405.67	278.64	113035.88
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	267.99		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	1.68		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	136.00		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
10	**Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton and directions of the Engineer in charge.**	Sqm	363.40	492.48	178969.2
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	305.51		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	6.65		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	51.24		
11	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs .complete as per specificaiton and directions of the Engineer in charge.**	Sqm	1298.32	432.00	560874.06
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	973.77		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	254.51		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	70.04		
12	**Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications and directions of the Engineer in charge.**	Sqm	59.90	815.40	48843.27
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	40.90		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	11.80		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	7.20		
13	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and directions of the Engineer in charge.**	Sqm	858.06	315.36	270597.1
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	680.18		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	97.84		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	80.04		
14	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton and directions of the Engineer in charge**	Sqm	78.24	561.60	43938.01
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	51.36		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	26.88		
15	**Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications and directions of the Engineer in charge.**	Cum	274.44	6276.96	1722645.76
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	212.93		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Cum	0.59		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Cum	60.93		
16	**Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of the Engineer in charge. (Ground Floor)**	Cum	42.14	6528.60	275119.77
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	17.91		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Cum	0.23		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Cum	24.00		
17	**Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of the Engineer in charge. (First Floor)**	Cum	27.33	6593.40	180167.25
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	27.15		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Cum	0.17		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
18	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of the Engineer in charge. (Second Floor)	Cum	58.01	6658.20	386226.53
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Cum	58.01		
19	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of the Engineer in charge.	tonne	8.27	78258.96	647201.59
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	cum	8.27		
20	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0Newton per sqmm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications and directions of the Engineer in charge. (First Floor)	cum	8.12	7675.56	62325.54
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	cum	8.12		
21	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0Newton per sqmm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications and directions of the Engineer in charge. (Second Floor)	cum	8.12	7740.36	62851.72
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	cum	8.12		
22	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0Newton per sqmm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications and directions of the Engineer in charge. (Terrace Floor)	cum	6.70	7805.16	52305.49
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	cum	6.70		
23	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Ground Floor)	Sqm	840.62	281.88	236954.81
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	353.13		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	135.81		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	351.68		
24	**Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (First Floor)**	Sqm	825.96	294.84	243524.57
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	470.57		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	355.39		
25	**Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Second Floor)**	Sqm	464.72	307.80	143039.58
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	105.69		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	359.03		
26	**Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Terrace Floor)**	Sqm	134.03	320.76	42990.82
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	134.03		
27	**Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (First Floor)**	Sqm	967.80	226.80	219497.72
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	618.36		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	349.44		
28	**Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Second Floor)**	Sqm	210.60	233.28	49127.6
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	210.60		
29	**Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Ground Floor)**	Sqm	740.33	243.00	179900.43

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	412.48		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	238.09		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	89.76		
30	**Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (First Floor)**	Sqm	812.02	249.48	202581.5
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	573.92		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	238.09		
31	**Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Second Floor)**	Sqm	272.09	255.96	69644.15
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	272.09		
32	**providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification and directions of the Engineer in charge.**	Sqm	4286.95	84.24	361132.41
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	2037.12		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	1650.58		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	599.24		
33	**Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, - with primer.complete as per specification and directions of the Engineer in charge.**	Sqm	2510.57	97.20	244027.5
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	1050.72		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	920.01		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	539.84		

SL No.	Description of Work	Unit	Quantity	Rate	Amount
34	**Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no117 item no 15.49.1 , KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications and directions of the Engineer in charge.**	Sqm	1776.38	127.44	226381.35
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	986.40		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	730.57		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	59.40		
35	**Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge.(Ground Floor)**	Sqm	1188.09	681.48	809661.61
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	345.12		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	232.92		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	610.05		
36	**Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge.(First Floor)**	Sqm	762.68	683.64	521399.23
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	529.76		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	232.92		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
37	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge.(Second Floor)	Sqm	239.89	685.80	164516.56
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	239.89		
38	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification and directions of the Engineer in charge.(Terrace Floor)	Sqm	971.04	568.08	551628.4
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	656.46		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	253.98		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	60.60		
39	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gattles including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality..complete as per specifications and directions of the Engineer in charge.(Ground floor)	Sqm	147.30	4789.80	705537.54

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	59.40		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	18.90		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	69.00		
40	**Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality..complete as per specifications and directions of the Engineer in charge.(First floor)**	Sqm	90.72	4796.28	435118.52
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	75.60		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	15.12		
41	**Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality..complete as per specifications and directions of the Engineer in charge.(Second floor)**	Sqm	15.12	4802.76	72617.73

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	15.12		
42	**Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and directions of the Engineer in charge.(First Floor)**	kg	1905.12	109.08	207810.48
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	kg	1587.60		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	kg	317.52		
43	**Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and directions of the Engineer in charge.(Second Floor)**	Kg	317.52	115.56	36692.61
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Kg	317.52		
44	**Providing and fixing factory made Galvanized plain steel door frame of profile size 125x60 mm single rebate manufactured from galvanized plain steel sheet 1.25mm thick, confirming to IS:277. The door frame consists of hinge jamb, lock jamb, head and bottom tie bars, supply in knockdown condition & to be assembeled at site by mechanical means with special mitre joint. The bottom tie bar made out of galvanized plain steel sheet 1.60mm thick pressed angle 20 x 20mm screwed to the door frame. The stiffness of 3mm thick MS GATE & pre-trapped are to be welded inside the pre-punched alots of the door frames & 4 nos. of S.S.butt hinges 100 x 59 2.5mm to be screwed to the door frame. The stiffeners & mortor guards to be provided for fixing hardware fixtures. The door frame to be powder coated after pre-treatment of the surface. The door frame shall be filled with 1:3:6 cement concrete & to be fixed with adjustable lugs/hold fasts. Alternatively, dry fixing shall be permitted by using metallic expansion bolt. The rate is including transportation, loading, unloading, HOM etc. but excluding the hardware fixtures. Size 1000 x 2130 mm complete as per specifications and directions of the Engineer in charge**	Rmt	6.60	588.60	3884.76
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Rmt	6.60		
45	**Providing and fixing factory made Galvanized plain steel door shutters 32mm thick manufactured from pre painted galvanized plain steel sheet 0.60mm thick confirming to the IS:14246. The door shutters consists of two outer skins if steel sheets , lock seam jointed at vertical stile edges, horizontal top and bottom sides to form a double skin fully flush shell. Rigid polyyurethane Foam (PUF) of density 40 kg/m3 shall be filled in the hollow portion of door shutters for structure rigidly & sound insulation. The necessary stiffeners of the Galvanized plain steel sheet of minimum thickness 1.60mm to be provided for fixing all hardware fixtures. The rate is including transportation, loading, unloading, HOM etc. but excluding the hardware fixtures. Size 900 x 2035 x 32 mm complete as per specifications and directions of the Engineer in charge.**	Sqm	2.52	2311.20	5824.22

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	2.52		
46	**Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications and directions of the Engineer in charge.**	Sqm	725.82	102.60	74469.13
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	sqm	270.00		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	323.82		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	132.00		
47	**Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specifications and directions of the Engineer in charge.(Ground Floor)**	sqm	16.20	3067.20	49688.64
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	sqm	16.20		
48	**Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specifications and directions of the Engineer in charge.(First Floor)**	sqm	16.20	3073.68	49793.616
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	sqm	16.20		
49	**Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., , complete as per specifications and directions of the Engineer in charge.(Second Floor)**	sqm	16.20	3080.16	49898.59

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	sqm	16.20		
50	**Providing and fixing M.S.Grill over existing compound wall as per Chief Architect drawing No. 12686, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and directions of the Engineer in charge.**	Sqm	115.20	5798.52	667989.5
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Sqm	115.20		
51	**Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification and directions of the Engineer in charge.**	kg	30447.71	119.88	3650071
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	kg	521.28		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	kg	29926.43		
52	**Concealed Conduit System - Supplying 20/25/32 mm dia 2mm thick confirming to IS 2506 with suitable size bends metal/pvc junction boxes, abhesive paste ets, and running befour concreting and slab. The conduit should de tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire whereever necessary**	Rmt	690.10	40.00	27604
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO 01 YELAHANKA SUB DIVISION	Rmt	419.30		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Rmt	130.80		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Rmt	140.00		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
53	**Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification. complete as per specifications and directions of the Engineer in charge.**	cun	430.82	344.50	148416.8
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	cum	240.47		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	cun	190.34		
54	**Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.**	cum	113.32	5855.76	663554.22
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	10.79		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	cum	102.53		
55	**Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas per specifications. complete as per specifications and directions of the Engineer in charge.**	cum	96.51	4963.68	479041.77
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	51.71		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	cum	44.80		
56	**Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. complete as per specifications and directions of the Engineer in charge.**	Cum	282.16	217.08	61250.81
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	162.51		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Cum	119.65		
57	**Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.**	Cum	483.06	67.09	32408.4
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	350.28		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Cum	132.78		
58	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. complete as per specifications and directions of the Engineer in charge.**	Sqm	267.39	386.64	103381.73
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	155.38		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	112.01		
59	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.complete as per specifications and directions of the Engineer in charge.**	Sqm	81.24	348.84	28339.76
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	50.88		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	30.36		
60	**Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. complete as per specifications and directions of the Engineer in charge.**	Sqm	43.92	535.68	23527.06
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	20.16		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	23.76		
61	**Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. complete as per specifications and directions of the Engineer in charge.**	Sqm	20.16	541.08	10908.17
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	20.16		
62	**Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.complete as per specifications and directions of the Engineer in charge.**	tonne	57.73	76643.28	4424277

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	tonne	43.21		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	tonne	14.52		
63	**Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.complete as per specifications and directions of the Engineer in charge. (First Floor)**	tonne	21.63	77451.12	1675632.637
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	tonne	21.63		
64	**Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications.complete as per specifications and directions of the Engineer in charge.**	Sqm	751.73	984.96	740423.98
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	281.53		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	470.20		
65	**Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications.complete as per specifications and directions of the Engineer in charge. (first Floor)**	Sqm	435.69	1022.76	445606.3
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	435.69		
66	**Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications.complete as per specifications and directions of the Engineer in charge.**	Sqm	62.40	875.88	54654.91
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	34.30		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	28.10		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
67	**Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .complete as per specifications and directions of the Engineer in charge.**	Sqm	972.20	220.32	214195.1
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	432.36		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	539.84		
68	**Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications.complete as per specifications and directions of the Engineer in charge. (first Floor)**	Sqm	56.24	913.68	51385.36
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	56.24		
69	**Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications.complete as per specifications and directions of the Engineer in charge (Second Floor)**	Sqm	158.24	951.48	150562.19
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	158.24		
70	**Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, incldiing cost of materials, labour, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.**	Sqm	90.51	221.40	20038.91
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	90.51		
71	**Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications. complete as per specifications and directions of the Engineer in charge.**	Sqm	760.61	367.20	279297.09
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	378.57		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	382.04		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
72	**Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications. complete as per specifications and directions of the Engineer in charge. (First Floor)**	Sqm	496.01	375.84	186418.51
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	496.01		
73	**Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications. complete as per specifications and directions of the Engineer in charge. (Second Floor)**	Sqm	105.69	384.48	40634.15
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	105.69		
74	**Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.complete as per specifications and directions of the Engineer in charge.**	Sqm	365.52	2137.32	781233.2
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	345.12		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	20.40		
75	**Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x900x 12mm thick fixed on bed of 12mm thick cement mortar for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc including Cost of all materials mortar labour etc complete as per specification.complete as per specifications and directions of the Engineer in charge.**	Sqm	28.52	1227.96	35021.41
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	28.52		
76	**Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications.complete as per specifications and directions of the Engineer in charge.**	Sqm	6.96	1306.80	9095.32
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	6.96		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
77	**Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. complete as per specifications and directions of the Engineer in charge.**	Sqm	87.36	1762.56	153977.24
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	87.36		
78	**Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification. complete as per specifications and directions of the Engineer in charge.**	Sqm	1.60	194.40	311.04
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	1.60		
79	**Supply and Installation of approved Wooden Floor for Indoor Hall - Maple Flooring with PU Scaler and coat polish 20mm,thickness*60mm width*2000mm, third &better grade treated sleepers of size 30*60mm to be installed 30cm center to center 20mmm professional EPDM rubber pad inclusive of HOM, labour etc. asper the directions of Engineer in charge (Data Rate) complete as per specifications and directions of the Engineer in charge.**	Sqm	282.42	15000.00	4236360
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	282.42		
80	**Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications.complete as per specifications and directions of the Engineer in charge.**	Nos	19.00	1475.28	28030.32
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Nos	15.00		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Nos	4.00		
81	**Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications. complete as per specifications and directions of the Engineer in charge.**	Cum	2.24	94612.32	211576.8
a) SC	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	1.86		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Cum	0.38		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
82	**Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame.complete as per specifications and directions of the Engineer in charge**	m	22.80	486.00	11080.8
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	m	22.80		
83	**Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification .complete as per specifications and directions of the Engineer in charge**	Sqm	26.46	5099.76	134939.64
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	15.12		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	11.34		
84	**Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification .complete as per specifications and directions of the Engineer in charge (First Floor)**	Sqm	22.68	5104.08	115760.5344
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	22.68		
85	**Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforcement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot. complete as per specifications and directions of the Engineer in charge**	Sqm	6.30	4104.00	25855.2

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	6.30		
86	**Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications.complete as per specifications and directions of the Engineer in charge**	Sqm	36.47	104.76	3820.07
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	27.23		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	9.24		
87	**Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.complete as per specifications and directions of the Engineer in charge**	Kgs	2286.90	102.60	234635.94
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	kg	1247.40		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Kgs	1039.50		
88	**PROVIDING TRAPEZOIDAL PROFILED SHEET** **Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.complete as per specifications and directions of the Engineer in charge**	Sqm	522.46	743.04	388208.67
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	522.46		
89	**Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications.complete as per specifications and directions of the Engineer in charge**	Sqm	1084.42	44.28	48018.11
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	1084.42		
90	**Puffed panel (Data Rate).complete as per specifications and directions of the Engineer in charge**	Sqm	564.44	4200.00	2370648
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	564.44		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
91	Providing and installing of approved make pre painted Galvalume iron Accessories, like, plain, ridges, plain gutter, plain flashing, corner Trim, etc. The total coated thickness (TCT) of the sheet shall be 0.47 mm +/- 0.02 tolerance mm Zinc-Alu Alloy coating AZ 150 gsm as per ASTM 1397/755 -550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling / self tapping screws of 25 mm length. (width upto 500-600 mm only), to be fixed over the existing purlins, rafters, channels and trusses.complete as per specifications and directions of the Engineer in charge	Sqm	166.20	712.80	118467.36
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Sqm	166.20		
92	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm.complete as per specifications and directions of the Engineer in charge	Cum	25.94	7070.20	183400.98
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Cum	25.94		
93	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200Specification.complete as per specifications and directions of the Engineer in charge	tonne	1.56	72326.98	112830.08
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	tonne	1.56		
94	Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800mm using M20 concrete reinforced with steel @6.00kg/Sqm, slabs jointed in CM 1:3 proportion and nicely finished including providing holes in the Cover slabs wherever necessary for easy drainage of surface water including of labour, materials,HOM, curing, lead and lift charges etc, complete as per MORTH specifications.complete as per specifications and directions of the Engineer in charge	m	104.80	1145.86	120086.12
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	m	104.80		
95	Providing and fixing white vitreous china clay, water closet europeon type (pedestal type, p-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets , 40mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design,painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications.complete as per specifications and directions of the Engineer in charge	Each	2.00	5352.48	10704.96
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Each	2.00		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
96	**Providing and fixing white vitreous china clay,flat back or half stall urinal basin of size 580x380x350mm in the range of two with 7.5 litres P.V.C automatic flushing cistern, C.I / M.S brackets ,standard flush pipe and C.P brass spreaders with brass unions and G.I clamps, C.I trap with outlet grating and other couplings in C.P brass, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications.complete as per specifications and directions of the Engineer in charge**	Unit	1.00	8718.84	8718.84
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Unit	1.00		
97	**Providing and fixing white vitreous china clay,flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets ,32mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications. complete as per specifications and directions of the Engineer in charge**	Unit	4.00	3400.92	13603.68
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Unit	4.00		
98	**Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. complete as per specifications and directions of the Engineer in charge**	Unit	2.00	1226.88	2453.76
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Unit	2.00		
99	**Providing and fixing C.P brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specifications. complete as per specifications and directions of the Engineer in charge**	Unit	4.00	798.12	3192.48
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Unit	4.00		
100	**Providing and fixing in position chromium plated brass shower rose with 15 or 20mm inlet 150mm dia including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.complete as per specifications and directions of the Engineer in charge**	Each	2.00	810.00	1620
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Each	2.00		
101	**Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.complete as per specifications and directions of the Engineer in charge**	Each	4.00	162.00	648
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Each	4.00		
102	**Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions and direction(Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot) 10cmsX7.5cms. complete as per specifications and directions of the Engineer in charge**	Each	2.00	270.00	540
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Each	2.00		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
103	**Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.do - 110 mm dia. complete as per specifications and directions of the Engineer in charge**	m	35.00	468.72	16405.2
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	m	35.00		
104	**Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.do-160mm dia. complete as per specifications and directions of the Engineer in charge**	m	35.00	921.24	32243.4
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	m	35.00		
105	**Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 Litre capacity) as per IS 12701 1996. complete as per specifications and directions of the Engineer in charge**	Each	2.00	22122.72	44245.44
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Each	2.00		
106	**Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.complete as per specifications and directions of the Engineer in charge**	Each	6.00	186.84	1121.04
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Each	6.00		
107	**Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.complete as per specifications and directions of the Engineer in charge**	Each	4.00	152.28	609.12
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Each	4.00		
108	**Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.complete as per specifications and directions of the Engineer in charge**	Each	2.00	362.88	725.76
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Each	2.00		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
109	**Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,)20mm nominal OD pipes.complete as per specifications and directions of the Engineer in charge**	m	35.00	253.80	8883
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	m	35.00		
110	**Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,)25mm nominal OD pipes. complete as per specifications and directions of the Engineer in charge**	m	35.00	316.44	11075.4
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	m	35.00		
111	**Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm. complete as per specifications and directions of the Engineer in charge**	Nos	4.00	9169.20	36676.8
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Nos	4.00		
112	**Providing of stoneware gully trap of approved quality and make fixing in M-15 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all materials,fixtures and lead).10 cms x 10 cms .complete as per specifications and directions of the Engineer in charge**	Nos	4.00	205.20	820.8
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Nos	4.00		
113	**Concealed Conduit System - Supplying 20/25/32 mm dia 2mm thick confirming to IS 2506 with suitable size bends metal/pvc junction boxes, abhesive paste ets, and running befour concreting and slab. The conduit should de tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire whereever necessary 25mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.**	Rmt	625.30	53.00	33140.9
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Rmt	419.30		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Rmt	75.00		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Rmt	131.00		
114	**Concealed Conduit System - Supplying 20/25/32 mm dia 2mm thick confirming to IS 2506 with suitable size bends metal/pvc junction boxes, abhesive paste ets, and running befour concreting and slab. The conduit should de tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire whereever necessary 32mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.**	Rmt	111.80	83.00	9279.4
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Rmt	111.80		
115	**Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary 19/20mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.**	Rmt	166.95	51.00	8514.45
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Rmt	98.10		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Rmt	68.85		
116	**Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary 25mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.**	Rmt	166.95	54.00	9015.3
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Rmt	107.10		
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Rmt	59.85		
117	**Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary 32mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.**	Rmt	68.85	81.00	5576.85
d)	ADDITIONAL DEVELOPMENT WORKS FOR THE STADIUM AT JUDICIAL LAYOUT IN WARD NO.4 OF YELAHANKA SATELLITE TOWN SUB DIVISION	Rmt	68.85		
118	**Supplying and fixing Metal Fan Box with Round Hook Nos 60 135.00 8100 ,complete as per specification and directions of the Engineer in charg**	Nos	53.00	85.00	4505
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Nos	41.00		
b)	RENOVATION OF TELUGU SCHOOL CLASS ROOMS AT CHOWDESHWARI LAYOUT IN CHOWDESHWARI WARD NO-02 YELAHANKA SUB DIVISION	Nos	12.00		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
119	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25.complete as per specification and directions of the Engineer in charge	Cum	213.87	5936.76	1269677.76
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Cum	213.87		
120	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per specification and directions of the Engineer in charge	Sqm	28.98	4812.48	139465.67
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	28.98		
121	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per specification and directions of the Engineer in charge	Sqm	52.56	4814.64	253057.4784
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	52.56	4814.64	
122	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and directions of the Engineer in charge	Sqm	17.66	6502.68	114824.3234
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	17.66		
123	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications and directions of the Engineer in charge	Sqm	33.14	6509.16	215700.5441
a)	CONSTRUCTION OF CLASS ROOM AND RANGAMANDIRA SHELTERS AT BANGALA SCHOOL YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO :01 YELAHANKA SUB DIVISION	Sqm	33.14		

Sl No.	Description of Work	Unit	Quantity	Rate	Amount
124	**Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry.B. Rubble stone masonry in cement mortar. MORTH Specification No. 202 complete as per specifications and directions of the Engineer in charge.**	cum	211.51	441.86	93457.36
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	cum	78.05		
e)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	cum	133.46		
125	**Dismantling of barbed wire fencing / wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and stacking serviceable material and unserviceable material separately. MORTH Specification No. 202 . complete as per specifications and directions of the Engineer in charge.**	m	531.73	139.76	74315.14
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	m	208.13		
e)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	m	323.60		
126	**Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. v) Steel work in all types of Sections upto a Height of 5 m above plinth level excluding Cutting of Rivet. – A. Including dismembering."complete as per specifications and directions of the Engineer in charge.**	tonne	9.00	2076.38	18687.42
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	tonne	9.00		
127	**Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and directions of the Engineer in charge.**	Cum	950.30	386.74	367520.16
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Cum	258.21		
e)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	cum	692.09		
128	**Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge.**	Cum	491.49	5505.64	2705991.97
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Cum	42.07		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
c)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	cum	449.42		
129	**Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge.**	Cum	337.11	5647.68	1903889.4
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Cum	37.17		
c)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	cum	299.94		
130	**Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge.**	Cum	666.44	4871.76	3246757.21
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Cum	181.08		
c)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	cum	485.36		
131	**Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications and directions of the Engineer in charge.**	Cum	68.33	6883.64	470372.61
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Cum	68.33		
132	**Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge.**	Sqm	268.27	150.52	40380.48
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Sqm	268.27		
133	**Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305. complete as per specifications and directions of the Engineer in charge.**	Cum	1068.59	344.50	368129.33
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Cum	367.48		
c)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	cum	701.11		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
134	**Fabricating providing and erecting in position of MS Hot Dip galvanized sq hallow poles of 132 x132 heavy gauge length 3000mm with MS Hot Dip galvanized grill work as per approved design and drawing of chief architect using 12 x75mm galvanized flat for alround frame and 20 x 20mm galvanized forged ornamental arrow head in top and buttom the work is inclusive of throughing flat square rods placing welding all the joints including griding finishing 2 coats of anticorrossive paint over one coat of metal primer the rate is inclusive of all materials all items of work cost painting welding cutting griding with lead and lift as per specifications including loading and unloading with cost and conveyance of all materials labour machinery and incidental charges for the successful completion of the work as per direction of engineer in charge of work**	Sqm	804.71	9144.14	7358379.07
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Sqm	402.41		
e)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	sqm	402.30		
135	**Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72x72x4.8 mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq.rod for verticals at 150mm c/c , as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanized flats.The work is inclusive of throughing GI, Flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials Like GI Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm sold sq. block assembled with 20mm du bearing in three places for each flop. Heavy duty locking arrangement of low places including cost of labour, painting, erection charges using hoist pulley cranes, with all lead and lift, loading, trasportation, unloading, scaffolding charges and all other. complete as per specifications and directions of the Engineer in charge.**	Sqm	60.00	12475.03	748501.8
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Sqm	36.00		
e)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	sqm	24.00		
136	**Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete as per specifications and directions of the Engineer in charge.**	Nos	768.00	432.48	332144.64
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Nos	768.00		
137	**Providing and applying painting in two coat with Synthetic enamel paint of approved brand and manufacture on concrete surface with cost of materials ,labour ,complete as per specifications and directions of the Engineer in charge.**	Sqm	172.90	84.80	14661.83
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Sqm	172.90		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
138	Providing and laying heavy duty cobble stones 60mm thick interlock pavers,using cement and course sand for manufacturer of blocks of approved size,shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed(average Thinkness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to comeup in between joints , final compaction of pavers surfaces joint into its final level including cost of materials,labour and HOM complete as per specifications and directions of the Engineer in charge.	Sqm	452.03	1116.18	504541.93
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Sqm	452.03		
139	Providing, fixing Ornamental Granite Column of overall height of 2585mm, 430X430 sqmm @ bottom, octogonal at a height of 1250mm for a height of 390mm, flower design on both faces of the pillar above the octogonal for a height of 430mm and carving design for a height of 350mm and above that 590mmX 590mmX 160mm pedestal cap as per the approved design including quarrying cutting to the required size and transporting the same from quarry to work spot including loading and unloading with all lead and lift etc., complete as per design and drawing. The work shall be carried out as per the directions of the engineers in charges of the work.	Nos	38.00	41500.00	1577000
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Nos	38.00		
140	Providing, fixing Ornamental Granite Column of overall height of 1250mm, 200X200sqmm, octagonal to a height of 820mm and carving design at bottom as shown in drawing. And two pedestal cap of 40mm thickness and octagonal design 230mm and 280mm respectively as per the approved design. including quarrying cutting to the required size and transporting the same from quarry to work spot including loading and unloading with all lead and lift etc..,complete as per design and drawing. The work shall be carried out as per the directions of the engineers in charges of the work.	Nos	60.00	8200.00	492000
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Nos	60.00		
141	Providing and filling sand in trenches to required depth including watring ramming with all leads and lift complete as per specifications and directed by the engineer incharge .	Cum	4.90	2183.60	10699.64
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Cum	4.90		
142	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications and directions of the Engineer in charge.	Sqm	28.56	966.72	27609.52
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Sqm	28.56		

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
143	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification and directions of the Engineer in charge.	Sqm	82.28	1305.92	107451.09
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Sqm	82.28		
144	Executive Bench-Made out of Sadarahalli grey stone with hand supports with 3 line finishing with arch design with 100mm slabs. Height 90X Length 1500 width 45 cms (Data approved rate).complete as per specification and directions of the Engineer in charge.	Nos	17.00	18200.00	309400
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Nos	17.00		
145	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and directions of the Engineer in charge.	Cum	112.75	207.60	23406.9
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Cum	112.75		
146	KSRRB M2100 PCC 1 KSRRB M2100-10. Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications.MORTH Specification No. 2100. complete as per specifications and directions of the Engineer in charge.	Cum	16.11	5421.90	87346.8
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Cum	16.11		
147	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm.complete as per specifications and directions of the Engineer in charge.	Cum	42.95	7070.20	303665.09
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Cum	42.95		
148	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200. complete as per specifications and directions of the Engineer in charge.	tonne	2.58	72326.98	186603.6

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	tonne	2.58		
149	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,. (Data Rate)complete as per specifications and directions of the Engineer in charge.	Sqm	107.38	2337.00	250947.06
c)	CONSTRUCTION OF COMPOUNDS TO ESHWARA TEMPLE AT JUDICIAL LAYOUT IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION.	Sqm	107.38		
150	KSRRB M200-13.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 &M-20. MORTH Specification No. 202 complete as per specifications and directions of the Engineer in charge.	cum	224.36	483.20	108408.96
c)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	cum	224.36		
151	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications and directions of the Engineer in charge.	cum	203.40	6365.30	1294702.02
c)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	cum	203.40		
152	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed. Disposed earth to be levelled after breaking of clods and neatly dressed complete as per specifications and directions of the Engineer in charge.	cum	232.20	333.70	77494.42
c)	CONSTRUCTION OF PARKING LOT AT 16TH A MAIN, A SECTOR AND 16TH B IN WARD NO:04 YELAHANKA SATELLITE TOWN SUB DIVISION	cum	232.20		
				SUB TOTAL	60909658.69
				GST Charges (12% of estimated cost)	7309078
				DPR CHARGES (1%)	609090
				PMC CHARGES (1%)	609090
				Tender Premium (5% of Estimated Cost)	3045449
				Miscellenious and rounding	17634
				TOTAL AMOUNT	72500000
				SEVEN CRORE TWENTY FIVE LAKHS ONLY	

Administrative Sanction for Rs ..... 72.5 crore lakhs
Seven Crore Twenty ...
Five lakhs only
is accorded under head ..... 2018-19 .....
Chief Engineer, Northern Zone, Bangalore
Registered as CE No ..... Subject
to conditions contained in enclosed memo
CE/YNK/DS/101/2019-20 Dt: 7-2-2020
Executive Engineer

Technical Sanction
Accord... R.T. 25 Cr.
Head of A/C Annexure-2
CER NO: 224 Dt: 08.11.2019
CE (YNK)

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019,Issue rates and Data Rates.

Assistant Engineer
Yelahanka Division
BBMP

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬ.ಬ.ಪಾ.ಕ. ಬೆಂಗಳೂರು-106

Assistant Executive Engineer
Yelahanka Division
BBMP

Executive Engineer
Yelahanka Division
BBMP

RUDRAPRASAD CONTRACTS BANGALORE